



North Carolina MCAS Cherry Point

Facility and Location

Marine Corps Air Station (MCAS) Cherry Point is home to the 2nd Marine Aircraft Wing. The wing consists of six groups: four aircraft groups flying all combat aircraft in the Marine inventory, one aircraft control group, and one engineer group. MCAS Cherry Point now includes 13,164 acres on the air station proper with an additional 15,975 acres of auxiliary activities including Marine Corps Auxiliary Landing Field Bogue, along Bogue Sound in Carteret County.

MCAS Cherry Point is located about 90 miles west-southwest of Cape Hatteras at the foot of the Outer Banks. More than 49,000 people, including active duty and retired marines, the civilian workforce, and their dependents make up the MCAS Cherry Point.

Media Sampled and Findings

Drinking Water — In 2007, three of three samples detected perchlorate from 0.07 to 1.6 ppb. Prior to 2007, three of seven samples detected perchlorate from 0.11 to 0.26 ppb.

Groundwater — In 2009, 9 of 16 samples detected perchlorate from 0.5 to 105 ppb. In 2007, five of six samples detected perchlorate from 1.15 to 179 ppb.

Rinse Water — In 2007, three samples reported no detection.

Sediment — In 2009, 3 of 14 samples detected perchlorate from 0.48 to 1.8 ppb. In 2008, 4 of 95 samples detected perchlorate from 0.21 to 0.32 ppb.

Soil — In 2009, 13 samples reported no detection. In 2007, 6 of 14 samples detected perchlorate from 0.67 to 16 ppb.

Surface Water — In 2009, nine samples reported no detection. In 2008, 24 samples reported no detection.

Appropriate Action

Previous groundwater samples exceeded the EPA and DoD Preliminary Remediation Goal of 15 ppb. To address perchlorate concentrations at the RCRA Subpart X permitted Open Burn/Open Detonation range, a risk assessment was done in 2008 and a certificate of final closure was issued in November 2009 with no long term monitoring requirement.

Current actions include developing a corrective action plan for submittal to the state and anticipating remediation of long-term monitoring of groundwater. Anticipated perchlorate sampling in sediment, surface soils, and surface waters at Former Cat Island Bombing Target 2 will occur following intentional detonations.